

Claim Amendments

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CENTRAL FAX CENTER

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1. (currently amended) An apparatus, comprising:

at least one intelligent network platform that serves to provide feedback to be played to a calling communication device during a call from the calling communication device for a called communication device;

wherein one of the at least one intelligent network platform allows a user of the called communication device to preselect one or more portions of the feedback;

wherein the at least one intelligent network platform comprises a service control point and an intelligent peripheral that are configured to communicate with a standards based mobile switching center;

wherein the service control point receives a first message from the standards based mobile switching center for a first call leg of the call and wherein one of the at least one intelligent network platform employs signaling to cause the standards based mobile switching center to connect the first call leg from the calling communication device to an intelligent peripheral network platform of the at least one intelligent network platform;

wherein the intelligent peripheral provides the feedback to the calling communication device through the first call leg and initiates a second call leg to the called communication device through the standards based mobile switching center to connect with the called communication device;

wherein the service control point receives a second message from the standards based mobile switching center for the second call leg and employs signaling to cause the standards based mobile switching center to connect the second call leg to the called mobile communication device.

wherein the call comprises a first call leg and a second call leg, wherein the one or more of the one or more intelligent network platforms that employ signaling to connect the call between the calling communication device and the called communication device employ signaling to connect the first call leg from the calling communication device to the intelligent network platform;

wherein the one or more of the one or more intelligent network platforms that employ signaling to connect the call between the calling communication device and the called communication device employ signaling to connect the second call leg from the intelligent network platform to the called communication device.

2. (canceled)

3. (currently amended) The apparatus of claim 3_1, wherein the intelligent peripheral network platform connects a call bridge or hairpin between the first call leg and the second call leg to connect the calling communication device with the called communication device.

4. (currently amended) The apparatus of claim 3, wherein upon detection of a need to bridge the first and second call legs, one or more of the at least one intelligent peripheral network platform employs a call drop-back command to direct one or more the standards based mobile switching center enters to support the first and second call legs.

5. (currently amended) The apparatus of claim 1, wherein the one or more portions of the feedback comprise a ringback tone preselected by the user of the called communication device; wherein the intelligent peripheral network platform plays the ringback tone to the calling communication device.

6. (currently amended) The apparatus of claim 5, wherein the intelligent peripheral network platform plays the ringback tone at the calling communication device between receipt of the call from the calling communication device and answer of the call by the called communication device.

7. (previously presented) The apparatus of claim 5, wherein the one or more of the at least one intelligent network platform that allows a user of the called communication device to preselect the ringback tone allow the user to customize the ringback tone for the call from the calling communication device.

8. (previously presented) The apparatus of claim 7, wherein the call from the calling communication device comprises a first call from a first calling communication device, wherein the ringback tone comprises a first ringback tone;

wherein the one or more of the at least one intelligent network platform that allows a user of the called communication device to preselect the first ringback tone allow the user to customize a second ringback tone for a second call to be played to a second calling communication device;

wherein the second ringback tone is different than the first ringback tone.

9. (currently amended) The apparatus of claim 1, wherein the one or more portions of the feedback comprise a customized call progress indication preselected by the user of the called communication device;

wherein the intelligent peripheral network platform plays the call progress indication at the calling communication device upon occurrence of an event associated with the call progress indication.

10. (currently amended) The apparatus of claim 1, wherein the intelligent network platform comprises an intelligent peripheral and the, wherein the one or more intelligent network platforms comprise a service control point are implemented within a same intelligent network platform.:

~~wherein the service control point employs signaling to route the first call leg to the intelligent peripheral;~~

~~wherein the intelligent peripheral plays the feedback to the calling communication device on the first call leg and bridges the first call leg with the second call leg to connect the calling communication device with the called communication device on the call.~~

11. (currently amended) The apparatus of claim 1, wherein the intelligent network platform comprises an intelligent peripheral, wherein the one or more intelligent network platforms comprise a service control point;

wherein a switching center supports the calling communication device;

wherein the intelligent peripheral service control point associates directs the switching center to connect the calling communication device with the called communication device on the call and to release the first and second call legs based on a RedirectingNumberDigits parameter from the standards based mobile switching center to the intelligent peripheral.

12. (previously presented) The apparatus of claim 11, wherein the service control point determines that the call requires the one or more portions of the feedback that are preselected by the user of the called communication device, wherein the service control point instructs the switching center to connect with the intelligent peripheral on the first call leg;

wherein the intelligent peripheral queries the service control point for the one or more portions of the feedback to be played to the calling communication device;

wherein the service control point determines the one or more portions of the feedback based on one or more characteristics associated with the call, wherein the service control point indicates the one or more portions of the feedback to the intelligent peripheral;

wherein the intelligent peripheral plays the one or more portions of the feedback at the calling communication device;

wherein the intelligent peripheral initiates the second call leg to the called communication device.

13. (currently amended) The apparatus of claim 1, wherein the first call leg comprises an indication of a telephone number dialed by a user of the calling communication device;

wherein upon detection of redirection request associated with the telephone number, ~~one or more of the at least one the intelligent peripheral network platforms substitutes~~ a telephone number of the called communication device for the telephone number dialed by the user of the calling communication device in the second call leg to connect the calling communication device with the called communication device.

14. (original) The apparatus of claim 1, wherein the signaling comprises wireless intelligent network signaling, wherein the one or more intelligent network platforms employ the wireless intelligent network signaling and one or more of American National Standards Institute ("ANSI") and Integrated Services Digital Network User Part ("ISUP") messages to play the feedback at the calling communication device and connect the calling communication device with the called communication;

wherein the one or more intelligent network platforms employ the signaling in accordance with ANSI standards.

15. (original) The apparatus of claim 1, wherein the signaling comprises International Telecommunication Union ("ITU-T") signaling, wherein the one or more intelligent network platforms employ the ITU-T signaling to play the feedback at the calling communication device and connect the calling communication device with the called communication;

wherein the one or more intelligent network platforms employ the ITU-T signaling in accordance with International Telecommunication Union ("ITU-T") standards.

16. (original) The apparatus of claim 1, wherein the signaling comprises one or more of intelligent network triggers and intelligent network trigger address lists;

wherein the one or more intelligent network platforms set the one or more of intelligent network triggers and intelligent network trigger address lists to route the call.

17. (currently amended) The apparatus of claim 1, wherein the intelligent peripheral network platform comprises a first intelligent peripheral network platform, wherein a second intelligent peripheral network platform of the one or more intelligent network platforms employs signaling to route the call to the first intelligent peripheral network platform;

wherein the first intelligent peripheral network platform plays the feedback at the calling communication device.

18. (currently amended) The apparatus of claim 1, wherein the intelligent peripheral network platform plays the feedback to the calling communication device with or without connection of the call to the called communication device.

19. (currently amended) The apparatus of claim 1, wherein the first call leg connects the calling communication device and the intelligent peripheral network platform, wherein the second call leg connects the intelligent peripheral network platform and the called communication device;

wherein the intelligent peripheral network platform delays connection of the second call leg with the called communication device to extend a duration of the feedback played at the calling communication device.

20. (currently amended) A method, comprising the steps of:

receiving an indication of a customized feedback selected for a calling communication device by a user of a called communication device; and

employing signaling to route a call from the calling communication device to an intelligent peripheral through a standards based mobile switching center network ~~platform~~ to play the customized feedback at the calling communication device, wherein the call comprises a first call leg and a second call leg;

wherein the step of employing signaling to route the call from the calling communication device to the intelligent peripheral through the standards based mobile switching center network ~~platform~~ to play the customized feedback at the calling communication device comprises the steps of:

employing signaling to connect the first call leg with between the calling communication device and the intelligent peripheral;

employing signaling to connect the second call leg with between the called communication device and the intelligent peripheral; and

bridging the first call leg with the second call leg to communicatively couple the calling communication device with the called communication device.

21. (currently amended) The method of claim 20, wherein the customized feedback comprises a ringback tone, wherein the call is intended for the called communication device, wherein the step of receiving ~~from the called communication device~~ the indication of the customized feedback selected for the calling communication device by the user of the called communication device comprises the step of:

receiving from the called communication device one or more criteria for the ringback tone to be played to the calling communication device, wherein the one or more criteria are selected by the user of the called communication device;

wherein the step of employing signaling to route the call from the calling communication device to the intelligent network platform to play the customized feedback at the calling communication device comprises the step of:

playing the ringback tone at the calling communication device upon a determination of a match between one or more characteristics of the call and one or more of the one or more criteria.

22. (canceled)

23. (currently amended) The method of claim 20, wherein the customized feedback comprises a ringback tone, wherein the step of employing signaling to route the call from the calling communication device to the intelligent peripheral through the standards based mobile switching center network platform to play the customized feedback at the calling communication device comprises the steps of:

determining that the called communication device has set up the ringback tone for the call from the calling communication device;

indicating to a the standards based mobile switching center that supports the call to route the first call leg to the intelligent network platform; and

playing the ringback tone at the calling communication device between a receipt of the first call leg at the intelligent peripheral network platform and an answer of the second call leg by the called communication device.

24. (currently amended) The method of claim 20, wherein the first call leg comprises an indication of a telephone number dialed by a user of the calling communication device;

wherein the step of employing signaling to route the call from the calling communication device to the intelligent peripheral through the standards based mobile switching center network platform to play the customized feedback at the calling communication device comprises the steps of:

detecting a redirection request to route calls for the telephone number to the called communication number;

substituting a telephone number of the called communication device for the telephone number dialed by the user of the calling communication device in the second call leg; and

bridging the first call leg with the second call leg to communicatively couple the calling communication device with the called communication device.

25. (currently amended) An article, comprising:

one or more computer-readable signal-bearing media;

means in the one or more media for receiving an indication of a customized feedback selected for a calling communication device by a user of a called communication device; and

means in the one or more media for employing signaling to route a call from the calling communication device to an intelligent peripheral through a standards based mobile switching center network platform to play the customized feedback at the calling communication device, wherein the call comprises a first call leg and a second call leg;

wherein the means in the one or more media for employing signaling to route the call from the calling communication device to the intelligent peripheral through the standards based mobile switching center network platform to play the customized feedback at the calling communication device comprises:

means in the one or more media for employing signaling to connect the first call leg with between the calling communication device and the intelligent peripheral;

means in the one or more media for employing signaling to connect the second call leg with between the called communication device and the intelligent peripheral; and

means in the one or more media for bridging the first call leg with the second call leg to communicatively couple the calling communication device with the called communication device.

26. (currently amended) An apparatus, comprising:

a called communication device that allows a user to select feedback for a calling communication device that initiates a call to the called communication device;

wherein the called communication device sends an indication of the feedback to a first intelligent network platform service control point that employs signaling to route the call from a standards based mobile switching center to a second intelligent network platform an intelligent peripheral to play the feedback to the calling communication device;

wherein the called communication device is communicatively coupled with the calling communication device through the second intelligent network platform.

27. (previously presented) The apparatus of claim 26, wherein the feedback comprises a ringback tone to be played at the calling communication device, wherein the called communication device allows the user to select the ringback tone from a plurality of available ringback tones.

28. (previously presented) The apparatus of claim 27, wherein the ringback tone comprises a first ringback tone, wherein the call comprises a first call with one or more first characteristics;

wherein the called communication device allows the user to select a second ringback tone from the plurality of available ringback tones for a second call with one or more second characteristics.

29. (currently amended) The apparatus of claim 26, wherein the feedback comprises a ringback tone, wherein the called communication device allows the user to establish one or more ringback tone service criteria;

wherein the called communication device sends the ringback tone service criteria to the ~~first intelligent network platform~~service control point, wherein the ~~first intelligent network platform~~service control point compares one or more characteristics of the call to the one or more ringback tone service criteria.

30. (currently amended) The apparatus of claim 29, wherein if the one or more characteristics of the call match the one or more ringback tone service criteria, the ~~first intelligent network platform~~routesservice control pointroutes the call to the ~~second intelligent network platform~~intelligent peripheral that plays the ringback tone to the calling communication device.

31. (previously presented) The apparatus of claim 29, wherein the one or more ringback tone service criteria comprise one or more of time of day criteria, day of week criteria, day of year criteria, and/or calling party identity criteria.

32. (previously presented) The apparatus of claim 29, wherein the called communication device presents an interactive voice response or wireless application protocol menu for the user to enter the one or more ringback tone service criteria.

33. (previously presented) The apparatus of claim 29, wherein upon receipt of a call with one or more characteristics that fail to meet the one or more ringback tone service criteria, the called communication device presents a menu that allows the user to set up one or more additional ringback tone service criteria for subsequent calls with one or more of the one or more characteristics that fail to meet the one or more ringback tone service criteria.

34. (currently amended) The apparatus of claim 29, wherein the called communication device sends the one or more ringback tone service criteria to the ~~first intelligent network platform-service control point~~ to inform the ~~first intelligent network platform-service control point~~ which incoming calls to route to the ~~second intelligent network platform-intelligent peripheral~~ that plays the ringback tone.

35. (previously presented) The apparatus of claim 26, wherein the feedback comprises a first ringback tone or a second ringback tone based on one or more characteristics of the call, wherein the called communication device allows the user to select the first ringback tone for the call from the calling communication device on normal days of year, wherein the called communication device allows the user to select a second ringback tone the call from the calling communication device on one or more special days of year.

36. (currently amended) The apparatus of claim 26, wherein the ~~first and second intelligent network platforms comprises service control point and the intelligent peripheral comprise an integrated intelligent network platform.~~

37. (currently amended) A method, comprising the steps of:

receiving one or more user-selected ringback tone service criteria that indicate a ringback tone to play for an incoming call with one or more characteristics; and

sending the one or more user-selected ringback tone service criteria to a ~~first intelligent network platform~~service control point that, upon a determination that the one or more characteristics match the one or more user-selected ringback tone service criteria, employs signaling to route the incoming call through a standards based mobile switching center to a ~~second intelligent network platform~~an intelligent peripheral that plays the ringback tone to a calling party of the incoming call over a first call leg and connects the first call leg with a second call leg to a called party for the incoming call.

38. (previously presented) The method of claim 37, wherein the step of receiving the one or more user-selected ringback tone service criteria that indicate the ringback tone to play for the incoming call with the one or more characteristics comprises the step of:

presenting an interactive voice response or wireless application protocol menu for a user to input one or more of time of day criteria, day of week criteria, day of year criteria, and/or calling party identity criteria.

39. (currently amended) The method of claim 37, wherein the one or more user-selected ringback tone service criteria comprise one or more first user-selected ringback tone service criteria, wherein the ringback tone comprises a first ringback tone, wherein the incoming call with the one or more characteristics comprises a first incoming call with one or more first characteristics, the method further comprising the steps of:

receiving one or more second user-selected ringback tone service criteria that indicate a second ringback tone to play for a second incoming call with one or more second characteristics; and

sending the one or more second user-selected ringback tone service criteria to the ~~first intelligent network platform-service control point~~ that, upon a determination that the one or more second characteristics match the one or more second user-selected ringback tone service criteria, employs signaling to route the second incoming call to the ~~second intelligent network platform intelligent peripheral~~ that plays the second ringback tone to a calling party of the second incoming call;

wherein the second ringback tone is different than the first ringback tone.

40. (currently amended) A method, comprising the steps of:

selecting, based on user input, a ringback tone for an incoming call with one or more user-selected characteristics;

sending an indication of the ringback tone and the one or more user-selected characteristics to a ~~first intelligent network platform~~service control point;

determining that one or more characteristics of the incoming call match the one or more user-selected characteristics;

employing signaling to route the incoming call through a standards based mobile switching center to a ~~second intelligent network platform~~an intelligent peripheral; and

playing the ringback tone to a calling party of the incoming call over a first call leg;

connecting a second call leg through the standards based mobile switching center to a called party of the incoming call and the ~~second intelligent network platform~~intelligent peripheral.

41. (currently amended) The method of claim 40, the method further comprising the steps of:

connecting the first call leg between the calling communication device and the ~~second intelligent network platform~~intelligent peripheral to play the ringback tone to the calling communication device;

connecting the second call leg between the ~~second intelligent network platform~~intelligent peripheral and the called communication device to extend the call to the called communication device; and

bridging the first call leg with the second call leg to communicatively couple the calling communication device with the called communication device.

42. (currently amended) The apparatus of claim 1, wherein the ~~intelligent network platform~~ intelligent peripheral employs a call drop-back command to transfer control of the first call leg and the second call leg from the ~~intelligent network platform~~ intelligent peripheral to a switching center.

43. (currently amended) The apparatus of claim 42, wherein the call drop-back command indicates two ports of the call to the switching center and instructs the switching center to bridge the two ports together;

wherein the ~~intelligent network platform~~ intelligent peripheral drops out of a path of the call path and the switching center bridges the first call leg with the second call leg.